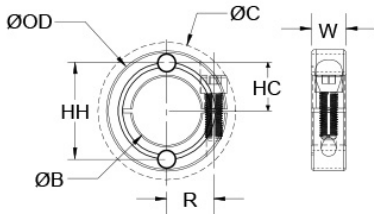




## FHT-MCL-10-SS

Ruland FHT-MCL-10-SS, 10mm Face Mount Shaft Collar with Tapped Hole,  
303 Stainless Steel, One-Piece Clamp Style, 24mm OD, 9mm Width



### Description

Ruland FHT-MCL-10-SS is a one-piece shaft collar with a 10mm bore, 24mm OD, and 9mm width. FHT-MCL-10-SS has tapped holes for mounting shaft collars to sprockets, pulleys, metallic plates, or other components. Tapped holes allow for a secure connection between the shaft collar and mated component. The clamp style design does not mar the shaft, is easy to remove, and is indefinitely adjustable. Equipment manufacturers benefit from the tightly controlled face to bore perpendicularity (TIR of ? .05mm). Perpendicularity is critical for alignment when the shaft collar is used as a load bearing face, mechanical stop, or for mounting components such as gears or bearings. Proprietary processes have been developed by Ruland to maintain superior fit, finish, and holding power. FHT-MCL-10-SS is stamped with the Ruland name and bore size for ease of identification. Forged screws test beyond DIN 912 12.9 standards to ensure maximum holding power. FHT-MCL-10-SS is machined from solid bar stock to a fine burr free finish and sourced exclusively from North American mills. Ruland uses 303 stainless steel with hardware of like material for consistent corrosion resistance. It is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

### Product Specifications

|                               |                                                                                                                                                                                                                                 |                                    |                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------|
| <b>Bore (B1)</b>              | 10 mm                                                                                                                                                                                                                           | <b>Bore Tolerance</b>              | +0.050 mm / +0.012 mm                 |
| <b>Outer Diameter (OD)</b>    | 24 mm                                                                                                                                                                                                                           | <b>Clearance Diameter (C) MAX</b>  | 26.3 mm                               |
| <b>Width (W)</b>              | 9 mm                                                                                                                                                                                                                            | <b>Width Tolerance</b>             | +0.076 mm / -0.254 mm                 |
| <b>Hole to Center (HC)</b>    | 8.50 mm                                                                                                                                                                                                                         | <b>Hole to Hole (HH)</b>           | 17.00 mm                              |
| <b>Threaded Mounting Hole</b> | M3                                                                                                                                                                                                                              | <b>Recommended Shaft Tolerance</b> | +0.000 mm / -0.013 mm                 |
| <b>Forged Clamp Screw</b>     | M3 x 10                                                                                                                                                                                                                         | <b>Screw Material</b>              | 18-8 300 Series Stainless Steel       |
| <b>Hex Wrench Size</b>        | 2.5 mm                                                                                                                                                                                                                          | <b>Screw Finish</b>                | Bright                                |
| <b>Seating Torque</b>         | 1.1 Nm                                                                                                                                                                                                                          | <b>Screw Location (R)</b>          | 8.51 mm                               |
| <b>Number of Screws</b>       | 1 ea                                                                                                                                                                                                                            | <b>Torque Wrench</b>               | <a href="#">TW:BT-1R-1/4-10.0</a>     |
| <b>Recommended Hex Key</b>    | <a href="#">Metric Hex Keys</a>                                                                                                                                                                                                 | <b>Material Specification</b>      | Type 303 Austenitic, Non-Magnetic Bar |
| <b>Temperature</b>            | -40°F to 350°F (-40°C to 176°C)                                                                                                                                                                                                 | <b>Finish Specification</b>        | Bright, No Plating                    |
| <b>Manufacturer</b>           | Ruland Manufacturing                                                                                                                                                                                                            | <b>Country of Origin</b>           | USA                                   |
| <b>Weight (lbs)</b>           | 0.052874                                                                                                                                                                                                                        | <b>UPC</b>                         | 63452937751                           |
| <b>Tariff Code</b>            | 8483.60.8000                                                                                                                                                                                                                    | <b>UNSPC</b>                       | 31162811                              |
| <b>Note 1</b>                 | Performance ratings are for guidance only. The user must determine suitability for a particular application.                                                                                                                    |                                    |                                       |
| <b>Prop 65</b>                | <b>WARNING</b> This product can expose you to the chemical Nickel (metallic), known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> . |                                    |                                       |